

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 1025-002P/JAB	SERIAL NO. 08/96297/ OK UNKNOWN
	APPLICANT NABIL N. GHALY	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED  7/24/07
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PTO/SB/088 (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	08/962,971
Filing Date	October 27, 1997
First Named Inventor	NABIL N. GHALY
Art Unit	3713
Examiner Name	Michael W. ONEILL
Attorney Docket Number	N/A

Sheet

1

of

1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SP		Parker Brothers Instruction Booklet for its product, "Merlin", MAGIC SQUARE GAME, 1978	

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Date
Considered

7/24/07

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

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1

Complete if Known

Application Number

0.8/962,971

Filing Date

10/27/1997

First Named Inventor

NARIL GHALY

Art Unit

3713

Examiner Name

JULIE K. BROCKETT

Attorney Docket Number

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (if known)}			
CP	P1	US 3,367,653	02-06-1968	Brown	Abstract
	P2	US 3,417,995	12-24-1968	Creely	Abstract
	P3	US 3,779,553	12-18-1973	Secter	Abstract
	P4	US 3,982,764	09-28-1976	Diehall	Abstract
	P5	US 5,573,245	11-12-1996	Weiner, et al	claim 1
	P6	US 5,603,500	02-18-1997	Olth, et al.	claim 1
	P7	US 6,976,916	12-20-2005	Rurrel, et al.	Title & Background
	P8	US 6,507,568	07-19-2005	Schlieffers, et al.	Title, claim & Fig. 1
	P9	US 6,861,962	03-01-2005	Spencer	Abstract & claim 1
	P10	US 6,948,869	09-27-2005	Macor	Title, Abstract & claim 1
	P11	US 6,989,732	01-24-2006	Fisher	Abstract & claim 1
	P12	US 6,920,339	07-19-2005	choy, et al.	Title, Abstract & claim 1
	P13	US 6,922,280	06-28-2005	Henry	Title, Abstract & claims 1-4
	P14	US 6,950,680	09-27-2005	Kela, et al.	Abstract, claim 1, Figs. 14
	P15	US 6,968,206	11-22-2005	Whitney-Anderson	claim 1, Figures 14-6
	P16	US 6,930,260	08-16-2005	Clegg, et al.	Abstract, claim 1, Fig. 1
		US			
		US			

FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date
Considered

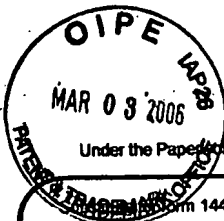
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known			
		Application Number	08 / 962, 971		
		Filing Date	6 / 27 / 1997		
		First Named Inventor	NARIL N. GHALY		
		Art Unit	3713		
		Examiner Name	Julie K. Brokehi		
Sheet	1	of	2	Attorney Docket Number	

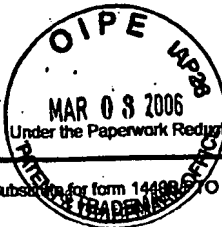
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CP	I1	Internet Document - http://new.arcusa.com/84271/index.html - ARC-USA, Inc. - Keypads - no date	
	I2	Internet Document - www.nyx.net/~LTURNER/PUBLIC-HTML/TMS1000INS.HTML - Instruction set for Texas Instruments TMS1000	NO DATE-
	I3	Internet Document - http://www.cacs.louisiana.edu/~mgr/404/burks/pcinfo/hardware/cpu.htm - Description of the Texas Instrument TMS1000 micro-controller, indicating the use of "hardwired" instructions	NO DATE-
	I4	Text Book: Digital systems Logic and Circuits Author: B. ZACHAROV Publisher: American Elsevier Pub. Co., Inc. 1968 Pages 53 & 83 - show the symbol \odot describing the Coincidence Boolean operator $\bar{A}\bar{B} + AB$	NO DATE-
	I5	Text Book: Digital Design, 2nd Edition Author: M. MORRIS MANO Publisher: Prentice Hall, 1991 - New Jersey Pages 56 & 57 - show the symbol \odot describing the	

Examiner Signature		Date Considered	7/24/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

of

2

Complete If Known

Application Number	08/962,971
Filing Date	10/27/1997
First Named Inventor	NABIL N. GHALY
Art Unit	3713
Examiner Name	Julie K. Brockett
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
SP		equivalence Boolean operator $x'y + x'y'$	
	I6	Text Book! Digital Computer Design Fundamentals Author! JOAHAN CHU Publisher! McGraw-Hill, 1962 Pages 112-113 - show the symbol \odot describing the Coincidence Boolean operator $\bar{A}\bar{B} + AB$	
	I7	Dictionary Definition for the term "Keypad" Webster's New World College Dictionary, Fourth Edition - Page 785 MICHAEL AGNES, Editor in Chief - NO DATE -	
	I8	Internet Document: http://patentlaw.typepad.com/patent/2004/10/can_dependant_c.html Article dated October 13, 2004, analyzing Ghaly v. Harbro - By DENNIS CROUCH	
	I9	Dictionary Definition of the term "Push Button" Random House Webster's College Dictionary Page 1097 - NO - DATE -	

Examiner
Signature

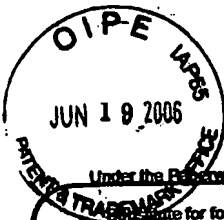
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1**Complete if Known**

Application Number	08/962,971
Filing Date	10/27/1997
First Named Inventor	NABIL GHALY
Art Unit	3713
Examiner Name	JULIE K. BROCKETT
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]	P1	US- 3,367,653	02-06-1968	Brown	Abstract
	P2	US- 3,417,995	12-24-1968	Creely	Abstract
	P3	US- 3,779,553	12-18-1973	Secter	Abstract
	P4	US- 3,982,764	09-28-1976	Dieball	Abstract
	P5	US- 5,573,245	11-12-1996	Weiner, et al.	claim 1
	P6	US- 5,603,500	02-18-1997	olti, et al.	claim 1
	P7	US- 6,976,916	12-20-2005	Burrell, et al.	Title & Background
	P8	US- 6,507,568	07-19-2005	Schleffers, et al.	Title, claim & Fig. 1
	P9	US- 6,861,962	03-01-2005	Spencer	Abstract & claim 1
	P10	US- 6,948,869	09-27-2005	Macor	Title, Abstract & claim 1
	P11	US- 6,989,732	01-24-2006	Fisher	Abstract & claim 1
	P12	US- 6,920,339	07-19-2005	choy, et al.	Title, Abstract & claim 1
	P13	US- 6,922,280	06-28-2005	Henry	Title, Abstract & claims 1-4
	P14	US- 6,950,680	09-27-2005	Kela, et al.	Abstract, claim 1, Figs. 1 & 2
	P15	US- 6,968,206	11-22-2005	Whitney-Anderson	claim 1, Figures 1 & 6
	P16	US- 6,930,260	08-16-2005	Cleary, et al.	Abstract, claim 1, Fig. 1
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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2

Complete if Known

Application Number

08/962,971

Filing Date

6/27/1997

First Named Inventor

NABIL N. GHALY

Art Unit

3713

Examiner Name

Julie K. Broketti

Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS

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SP	I1	Internet Document- http://new.arcusa.com/8427/index.html - ARC-USA, Inc. - Keypads - NO DATE -	
	I2	Internet Document- www.nyx.net/~LTURNER/PUBLIC-HTML/TMS1000INS.HTML - Instruction set for Texas Instruments TMS1000 - NO DATE -	
	I3	Internet Document- http://www.cacs.louisiana.edu/~mgr/404/burks/pcinfo/hardware/cpu.htm - Description of the Texas Instrument TMS1000 micro-controller, indicating the use of "hardwired" instructions - NO DATE	
	I4	Text Book: Digital Systems Logic and Circuits Author: B. ZACHAROV Publisher: American Elsevier Pub. Co., Inc. 1968 Pages 53 & 83 - show the symbol ⊗ describing the Coincidence Boolean operator $\bar{A}\bar{B} + AB$	
	I5	Text Book: Digital Design, 2nd Edition Author: M. MORRISON Publisher: Prentice Hall, 1991 - New Jersey Pages 56 & 57 - show the symbol ⊗ describing the	

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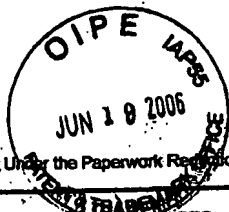
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Art Unit

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Examiner Name

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SP		Equivalence Boolean operator $x'y + x'y'$	
	I6	Text Book: Digital Computer Design Fundamentals Author: JOAHAN CHU Publisher: McGraw-Hill, 1962 Pages 112+113 - show the symbol \odot describing the Coincidence Boolean operator $\overline{A}B + AB$	
	I7	Dictionary Definition for the term "Keypad" Webster's New World College Dictionary, Fourth Edition - Page 785 MICHAEL AGNES, Editor in Chief - NO DATE	
	I8	Internet Document: https://patentlaw.typepad.com/patent/2004/10/can_dependant_c.html Article dated October 13, 2004, analyzing Ghaly v. Harbro - BY DENNIS CROUCH	
	I9	Dictionary Definition of the term "Push Button" Random House Webster's College Dictionary Page 1097 - NO DATE -	

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